

FDAUX4

SoundGate®

Purpose

The SoundGate FDAUX4 lets you install an auxiliary audio input device through the factory radio in the Ford vehicles listed below.



Features

The SoundGate FDAUX4 utilizes sophisticated microprocessor control, ultra-reliable surface-mount construction, and advanced software design to flawlessly integrate with Ford audio systems. When utilized with a SoundGate CORE™ product, the FDAUX4 will enable control of your Apple iPod® or Microsoft Zune™ device through the controls of the factory radio.

The FDAUX4 works in the following vehicles:

FORD

Escape	2008
Edge	2007–2008
Expedition/EL	2007–2008
Explorer/Sport Trac	2006–2008
Five Hundred	2005–2007
Focus	2005–2007
Freestar	2006–2007
Freestyle	2005–2007
Fusion	2006–2008
F-Series (New Body Style)	2005–2008
Mustang	2005–2008
Ranger	2006–2008
Taurus/Taurus X	2008

LINCOLN

Mark LT	2006–2008
MKX	2007–2008
MKZ	2007–2008
Navigator	2005–2008
Zephyr	2006

MERCURY

Mariner/Hybrid	2008
Milan	2006–2008
Monterey	2006–2008
Mountaineer	2007–2008
Sable	2008

Note: Installation of this device will replace one of the following radio functions if present:

Rear-Seat DVD Mode

Satellite Radio

Standard systems must have an AUX button.

Navigation units will use the touch-screen source selection.

Please visit www.soundgate.com for the most current compatibility information.

Simple-fi.®

If you experience problems, call SoundGate Technical Support at 800-256-0808, or email us at support@soundgate.com.

www.soundgate.com

Rev 20090312

Before You Begin



WARNING

DO NOT DISASSEMBLE OR ALTER

Doing so may result in an accident, fire, or electric shock.

Do not block your view

Do not mount product or any added audio/video equipment where it can block your view through the windshield or block your view of dashboard indicators and displays.

Do not block safety devices

Do not mount product or any added audio/video equipment where it can obstruct the operation of any safety device, such as the airbag.

Distraction warning

Do not allow product or any added audio/video equipment to distract you while you are driving.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL

Before starting any installation work, wait 90 seconds after turning the ignition switch to the LOCK position and disconnecting the negative (-) terminal from the battery. The supplemental restraint system (SRS), or airbag(s) is equipped with a backup power source. If installation work is started less than 90 seconds after disconnection of the negative (-) battery terminal, the SRS may deploy. When the negative (-) terminal cable is disconnected from the battery, the clock and audio systems' memory may be erased. Before starting installation work, make a record of the clock and audio systems' memory settings. When installation is complete, reset the clock and audio systems to their previous settings. Power tilt, power telescopic steering column, power seats, power mirrors, power shoulder belt anchorage, and other power accessories may or may not be equipped with a memory function; consider keeping a record of these settings as well.

When installation is complete, readjust the features to their previous settings.

Never use a backup power supply (such as another battery) during installation work in an attempt to avoid losing these memory settings.



CAUTION

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS

Cables or wiring that obstruct or get caught on places such as the steering wheel, shift lever, brake pedals, etc. can be extremely hazardous.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST

Moisture or dust may result in product failure.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS

The wiring and installation of this product requires special technical skills and experience.

USE ONLY SPECIFIED ACCESSORY PARTS

Use of other than specified parts may damage product internally.

FOLLOW THE OPERATIONAL AND INSTALLATION MANUALS.

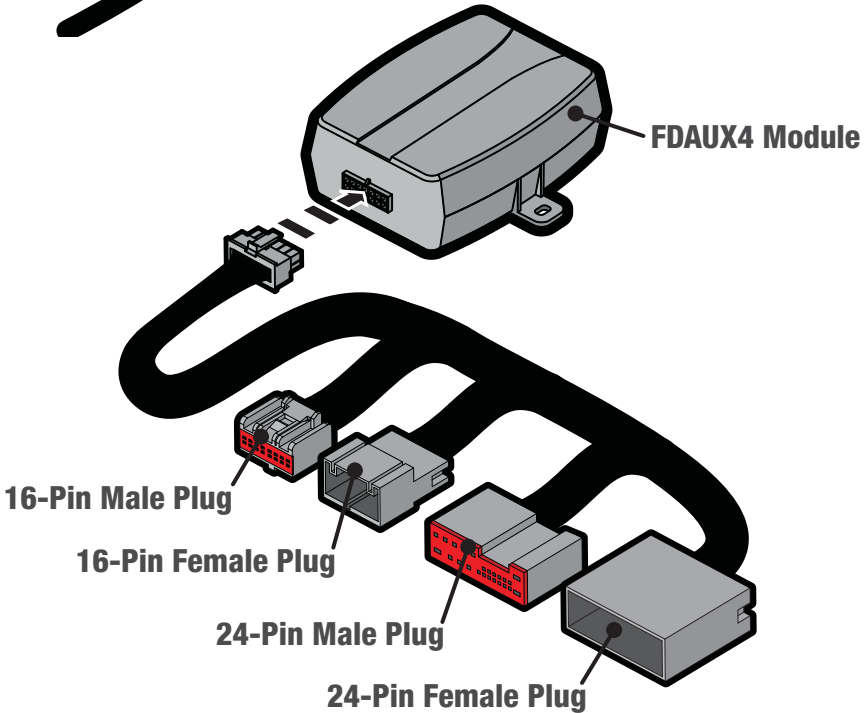
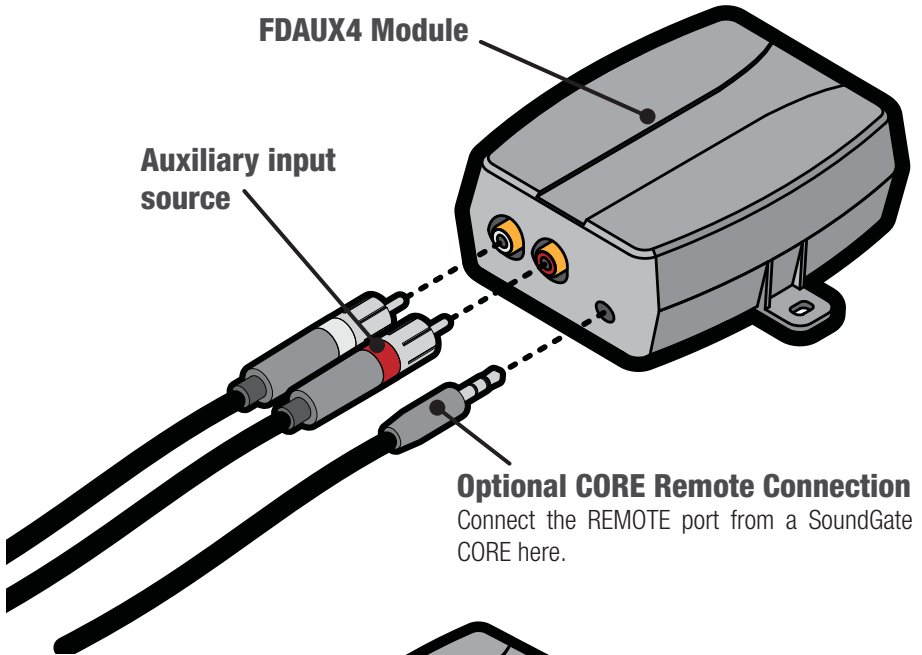
YOU SHOULD READ AND FAMILIARIZE YOURSELF THOROUGHLY WITH THE FOLLOWING INFORMATION PRIOR TO INSTALLING AND USING THIS UNIT. IN ADDITION, YOU MUST CAREFULLY READ AND FOLLOW THE INSTALLATION SCHEMATICS AND INSTRUCTIONS FOR THE PRODUCT AND THE VEHICLE IN WHICH IT IS BEING INSTALLED. FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS MAY DAMAGE THE PRODUCT AND THE VEHICLE, WILL VOID THE PRODUCT WARRANTY, AND MAY VOID THE VEHICLE WARRANTY.

CHECK YOUR LOCAL LAWS

Some States/Provinces or other governmental jurisdictions (such as cities) may have laws that prohibit the operation of a video screen within the sight of the driver. If you have purchased such a product, you should use the product only in locations where it is legal to do so, and if you do use the product, set up the screen so it is only visible to passengers.

TROUBLESHOOTING

Should this product fail to operate properly, please contact your Dealer or SoundGate Technical Support at 800-256-0808.



BEFORE YOU BEGIN:

1. Turn the ignition off.
2. Ensure the factory radio is turned off

Installation



IMPORTANT

The FDAUX4 has two emulation modes that are selected by a jumper labeled **SW1** on the circuit board. When the jumper is on, the FDAUX4 will emulate and replace the factory satellite radio. When the jumper is off, the FDAUX4 will emulate and replace the factory rear-seat DVD. This will allow you to maintain as many of the factory options as possible. Each emulation mode will offer different functionality with your iPod or Zune device. Please see the tables on pages 5 and 6 for details.

STEP

1



Gain access to the factory radio's rear panel. The FDAUX4 connects directly to the rear panel of the factory radio. Full or partial disassembly of the dash will be necessary. If you are unsure of this procedure, please consult a factory service manual or have the work performed by a mobile electronics specialist. Pay special attention to warnings or instructions regarding working near airbags, other safety devices, or security systems.

STEP

2



Connect the appropriate FDAUX4 harnesses to the factory radio. The FDAUX4 comes with a wiring harness that is necessary for functionality. Disconnect the factory radio's 24-pin and 16-pin connections. Replace these with the 24-pin and 16-pin male plugs of the FDAUX4 wiring harness. Connect the remaining 24-pin and 16-pin female plugs to the disconnected factory plugs.

STEP

3

Mount all components. Mount the FDAUX4 behind or under the dash (mounting hardware not included). Be careful not to drill into wiring or vehicle mechanisms. You are solely responsible for securely fastening the FDAUX4 in your vehicle. Make certain that wires and cables cannot be damaged by screws, clips or sharp, exposed pieces of metal.

Ensure that the auxiliary inputs and optional CORE plug are in a convenient location for connection.

With the FDAUX4 passing audio, test the auxiliary input by pressing the **AUX** button until you have selected the input source the FDAUX4 is replacing.

STEP

4

Optional SoundGate CORE Functionality. By adding a SoundGate CORE product to your installation, you will gain control of your iPod or Zune device via the factory radio controls. To do this, connect a 1/8" patch cable from the CORE remote connection to the remote input of the FDAUX4. Once this connection is in place, use the table below to determine what functions of the iPod or Zune device are controlled by the factory radio. Please note that the control of the device will differ depending upon which mode you have selected to emulate and replace: Rear-Seat DVD or Satellite. For more information on the SoundGate CORE, please visit www.soundgate.com.

Please note that the tables below are a generic control list. Your radio might not support all functions.

FORD	Zune Control		iPod Control	
	DVD	SAT	DVD	SAT
Disc ↑	Zune pad ↑	Zune pad ↑	Playlist ↑	Playlist ↑
Disc ↓	Zune pad ↓	Zune pad ↓	Playlist ↓	Playlist ↓
Seek ↑	Track ↑	Track ↑	Track ↑	Track ↑
Seek ↓	Track ↓	Track ↓	Track ↓	Track ↓
Repeat	Back	Back	Repeat	Repeat
Shuffle	Enter	Enter	Random	Random
Scan	Play/Pause	Play/Pause	Play/Pause	Play/Pause

Zune Control

iPod Control

FORD MP3	DVD	SAT	DVD	SAT
Disc ↑	Zune pad ↑	Zune pad ↑	Playlist ↑	Playlist ↑
Disc ↓	Zune pad ↓	Zune pad ↓	Playlist ↓	Playlist ↓
Seek ↑	Track ↑	Track ↑	Track ↑	Track ↑
Seek ↓	Track ↓	Track ↓	Track ↓	Track ↓
Repeat	-----	Back	-----	Repeat
Shuffle	Enter	Enter	Random	Random
Scan	Play/Pause	Play/Pause	Play/Pause	Play/Pause
Preset 3	-----	Back	-----	Repeat
FORD NAV	DVD	SAT	DVD	SAT
Tune ↑	-----	Zune pad ↑	-----	Playlist ↑
Tune ↓	-----	Zune pad ↓	-----	Playlist ↓
Seek ↑	Track ↑	Track ↑	Track ↑	Track ↑
Seek ↓	Track ↓	Track ↓	Track ↓	Track ↓
Touch Screen Forward arrow	Play/Pause	-----	Play/Pause	-----
Preset 3	-----	Back	-----	Repeat
Preset 4	-----	Play/Pause	-----	Play/Pause
Preset 5	-----	Enter	-----	Random

Why SoundGate Dealers have the edge...

The technologies used in today's vehicles are as sophisticated as any laptop computer. At SoundGate we believe these new technologies are full of opportunities for mobile electronic dealers across the nation. We make it a high priority to not only research these new systems, but to understand them and their impact on the aftermarket car audio industry. Armed with this knowledge, we are well equipped to help you integrate new components into these systems with our innovative, high-performance interfaces and unparalleled technical support.

Be sure to ask your autosound specialist about these other exciting SoundGate products...

- Auxiliary Input Interfaces and Docking Stations which allow you to input audio from MP3 Players, DVD/Video, Satellite Radio, and more to OEM and aftermarket car audio systems
- High-performance Radio Replacement
- Interfaces for seamlessly integrating new receivers or CD players into OEM audio systems
- Competition-Grade Interfaces for adding amplifiers
- Remote Audio Control Interfaces that let you control aftermarket receivers and CD players from your factory rear seat, or steering-wheel mounted audio controls.
- And many others!

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